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Denver, Colorado 80201-1920

ATTORNEY DOCKET NO. 10030185-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Schroeder et al...

Serial No.: 10/687,431

Examiner: Regina Liang

Filing Date: October 16, 2003

Group Art Unit: 2629

Title: Tracking Motion Using an Interference Pattern

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input checked="" type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments")	
<input type="checkbox"/> Other	(Fee \$_____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	30	MINUS	29	" 1	X 80	\$ 80
INDEP. CLAIMS		MINUS		" 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input checked="" type="checkbox"/>	2 <sup>ND</sup> MONTH 480.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1600.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1600.00 <input type="checkbox"/>	\$ 120	
					OTHER FEES	\$ 0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$ 170

Charge \$ 170 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.18, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Schroeder et al.,

By 

Thomas F. Woods  
Attorney/Agent for Applicant(s)

I hereby certify that this correspondence is being Deposited with the United States Postal Service as First class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit:

Typed Name: Thomas F. Woods

Signature: 

Reg. No. 39,726

Date: June 14, 2007

Telephone No. (303) 823-6560

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Schroeder et. al.

Examiner: Name: Regina Liang

Serial No.: 10/687,431

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Attorney Docket No.: 10030185-1

Confirmation No.: 8035

Title: Tracking Motion Using an Interference Pattern

**RESPONSE AND AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

In response to the Office Action mailed March 13, 2007, Applicants respectfully request entry of the amendments set forth herein, and allowance of the above-identified patent application as amended herein:

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DATE OF DEPOSIT: June 14, 2007

**CERTIFICATE OF ELECTRONIC DEPOSIT:** I hereby certify that all paper(s) described herein are being deposited electronically with the United States Patent and Trademark Office on the date indicated above and addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature: 

Printed Name: Thomas F. Woods, Reg. No. 38,726